Acute Angles Worksheet

Geometry

Grades 4 to 5

Acute Angles Worksheet | Grades 4 to 5

Skill Questions

Name: ....

Date: ....
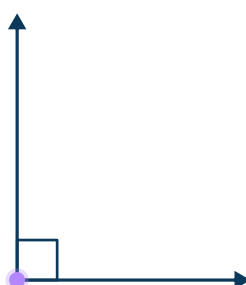
1   Is the angle acute?
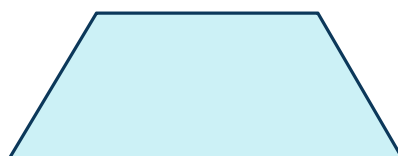
Answer

2   Is the angle acute?
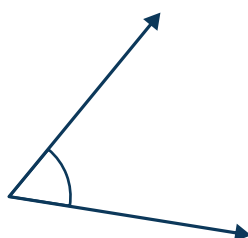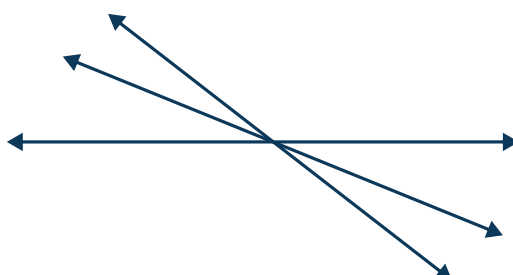
Answer

3   Is the angle acute?

Answer

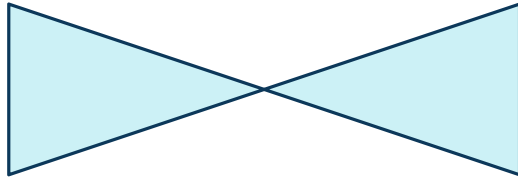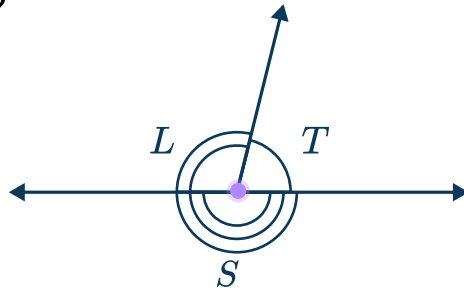**4**   How many acute angles does this shape have?

Answer

5   How many acute angles are formed by these crossing lines?
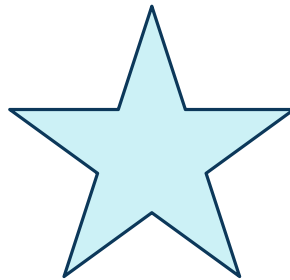
6 How many acute angles does this shape have?

7 Which angle is acute?

L   *T*

S

Answer

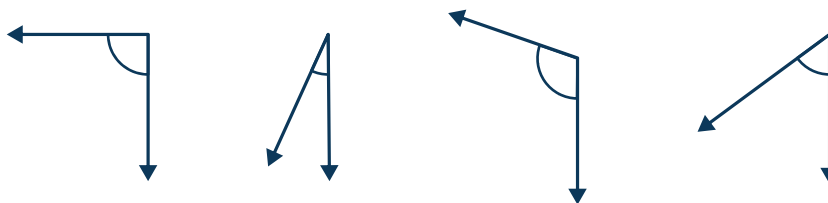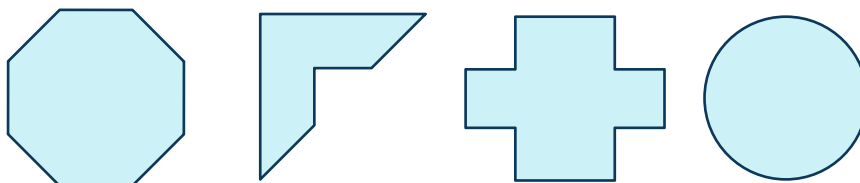**8** How many acute angles does this shape have?
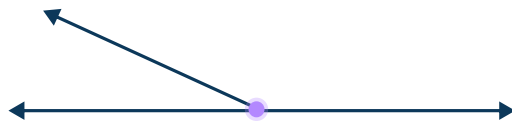
9 Which angle(s) appears to be an acute angle?

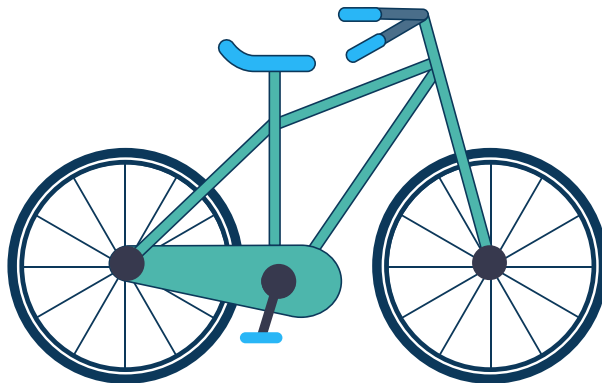**10** Circle the shape(s) that have at least 1 acute angle.

Applied Questions

11 Draw two different acute angles. Explain why they are acute.

_____
_____
_____

12

Chelsea says the angle is obtuse. Henry says the angle is acute. Who is correct? Explain.

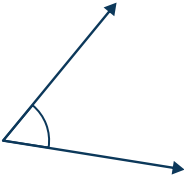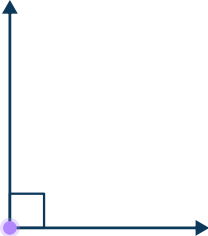_____
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13 Identify all the acute angles on the bike.

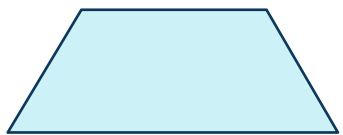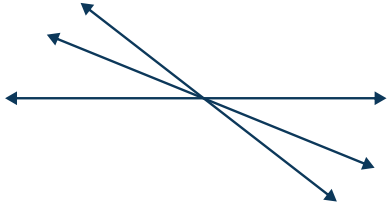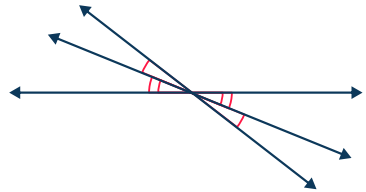**14**   Draw a polygon that has exactly 4 acute angles. Label the angles A, B, C and D.

15

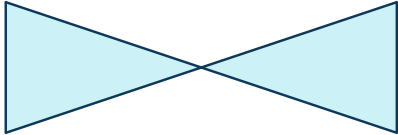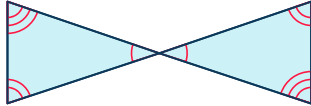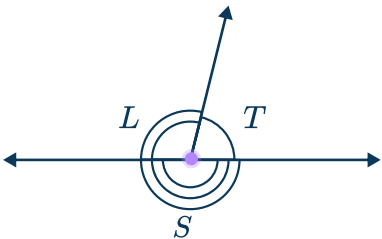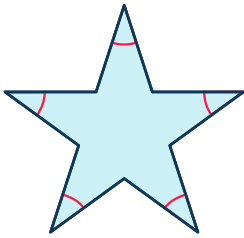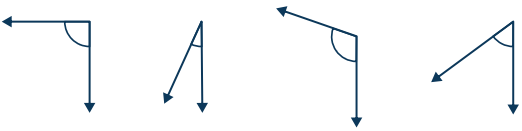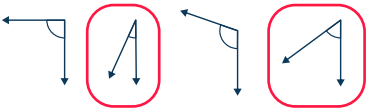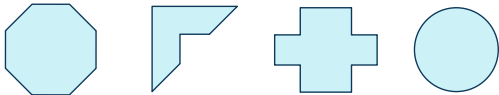How many different acute angles can be drawn on this straight line?

_____

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_____

Answers

Question number	Question	Answers	Standard
1	Is the angle acute?	No	4.G.A.1
2	Is the angle acute?	Yes	4.G.A.1
3	Is the angle acute?	No	4.G.A.1
4	How many acute angles does this shape have?	2	4.G.A.1
5	How many acute angles are formed by these crossing lines?	4	4.G.A.1
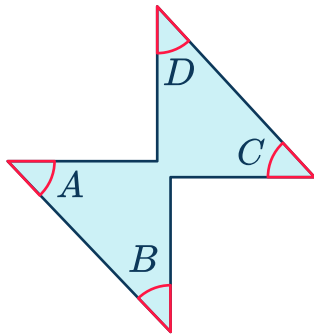
Acute Angles Worksheet | Grades 4 to 5 | Answers

Question number	Question	Answers	Standard
6	How many acute angles does this shape have?	6	4.G.A.1
7	Which angle is acute?	Angle T	4.G.A.1
8	How many acute angles does this shape have?	5	4.G.A.1
9	Which angle(s) appears to be an acute angle?		4.G.A.1
10	Circle the shape(s) that have at least 1 acute angle.		4.G.A.1

Question number	Question	Answers	Standard
11	Draw two different acute angles. Explain why they are acute.	Answers will vary. Example answer: Both the angles are greater than 0 degrees, but less than 90 degrees, which is why they are smaller than a square corner.	4.G.A.1
12	Chelsea says the angle is obtuse. Henry says the angle is acute. Who is correct? Explain.	Answers will vary. Example answer: They are both correct. Chelsea is talking about the angle on the right, which is more than 90 degrees, less than 180. Henry is talking about the angle on the left, that is between 0 and 90 degrees.	4.G.A.1
13	Identify all the acute angles on the bike.		4.G.A.1

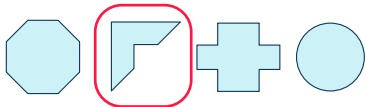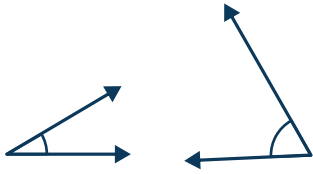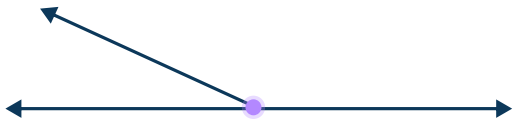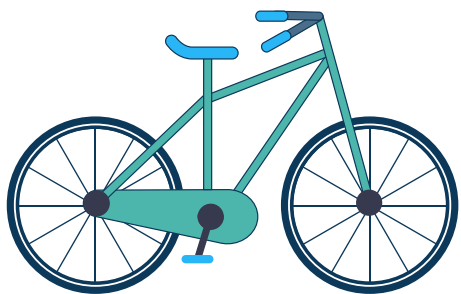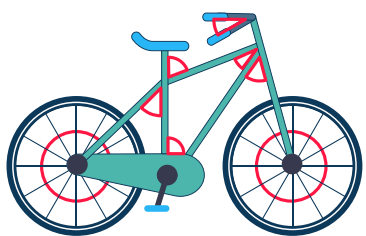| Question number	Question	Answers	Standard
14	Draw a polygon that has exactly 4 acute angles. Label the angles A, B, C and D.	Answers will vary. Example answer:	4.G.A.1
15	How many different acute angles can be drawn on this straight line?	Answers will vary. Example answer: I can keep drawing and drawing them, because acute angles are small, but as long as they are bigger than 0 degrees they are acute. If I draw each angle as 1 degree, there would be 180 acute angles on the line.	4.G.A.1, 4.MD.C.5

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